



INSTALLATION GUIDE

23+/FORD BRONCO RAPTOR ROCK FIGHTER FRONT BUMPER



PREPARATION

We recommend reading through the installation instructions in whole before performing the work.

- Disconnect the negative battery terminal. Park the vehicle on level ground and set the emergency brake.
- **When button head bolts are being used, install the supplied washer on the nut side. Then, hold the bolt stationary and only turn the nut to tighten. Do not turn the bolt to tighten hardware assembly, unless otherwise noted.**
- Anti-seize is recommended for all fasteners.



SKILL LEVEL

-Easy/Intermediate

****This installation requires 2 people for best results****



TIME REQUIRED

- 2 hours for OEM Removal/Bumper Install
- 1.5 Additional Hour to Wire Cube Lights/Winch

****Labor Rates are based on a vehicle with no pre-existing damage. Wiring labor is based on a standard wiring procedure with light switches installed in an easily accessible location. Custom light triggering or switch mounting location will result in a greater labor charge.****



INCLUDED IN KIT

- 10- Hex Head Bolt (1/2-13 x 1 1/4")
- 10- Washers (1/2")
- 10- Nylon Lock Nut (1/2")
- 4- Sensor Plugs
- 1- Universal Light Mount Kit



TOOLS REQUIRED

- (Sockets) 3/4, 10mm, 15mm
- (Box end wrenches) 3/4, 10mm, 15mm
- (Torx) T30, T40
- Fastener remover or flathead screwdriver
- Zip ties
- Ratchet



INSTALLATION **GUIDE**

ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

☐ STEP 1

Disconnect the wire harness plug located on the driver side.

REMOVAL





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

REMOVAL

□ STEP 2

Remove the skid plate using a (15mm socket). ****Keep these for they will be used later on in the install****





INSTALLATION **GUIDE**

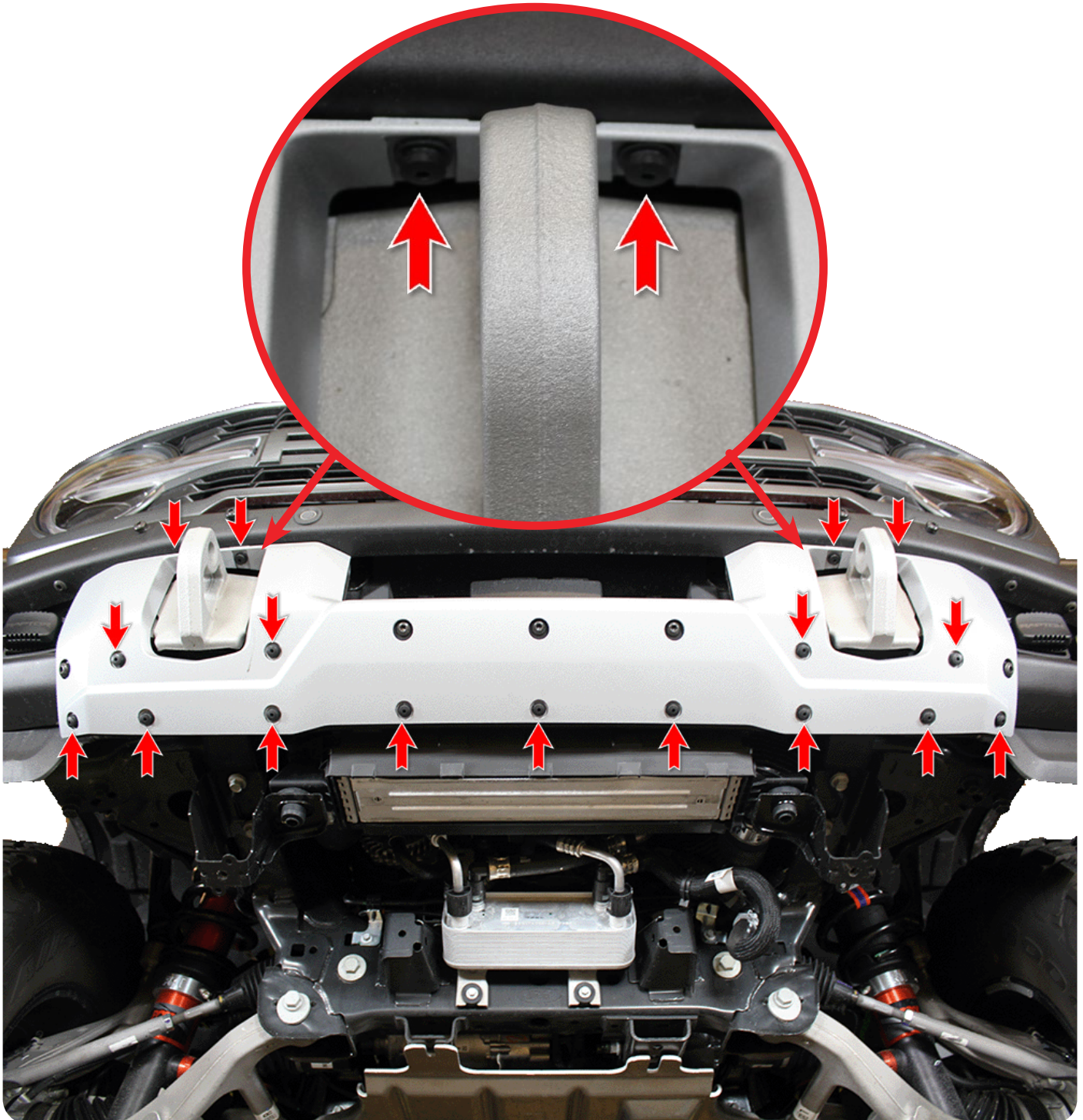
ROCK FIGHTER FRONT BUMPER

23+/**FORD BRONCO RAPTOR**

REMOVAL

☐ STEP 3

Remove all the push pins for the front cover using a (fastener remover/flathead).





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

REMOVAL

☐ STEP 4

Remove the mounting bolts located on the tow hooks using a (15mm socket). You can now remove the bumper.





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

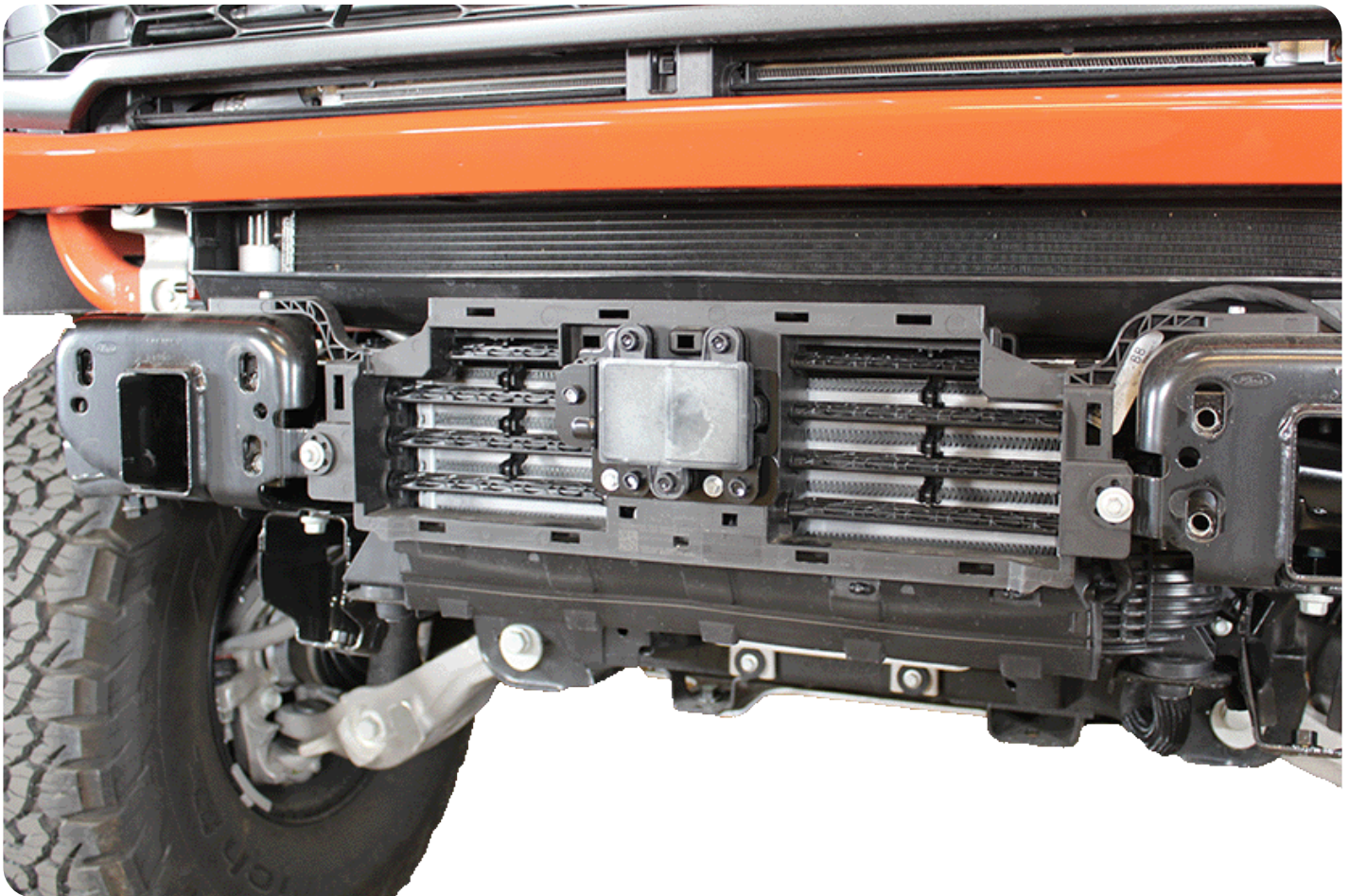
23+/FORD BRONCO RAPTOR

REMOVAL

☐ STEP 5

Follow the ACC install guide before continuing with the install.

<https://cdn.shopify.com/s/files/1/0627/4508/4140/files/2021-ford-bronco-cruise-control-install.pdf?v=1654182892>





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/**FORD BRONCO RAPTOR**

REMOVAL

☐ STEP 6

Remove the mounting bracket plastic nuts located behind the frame horns. There are 2x on each side.





INSTALLATION **GUIDE**

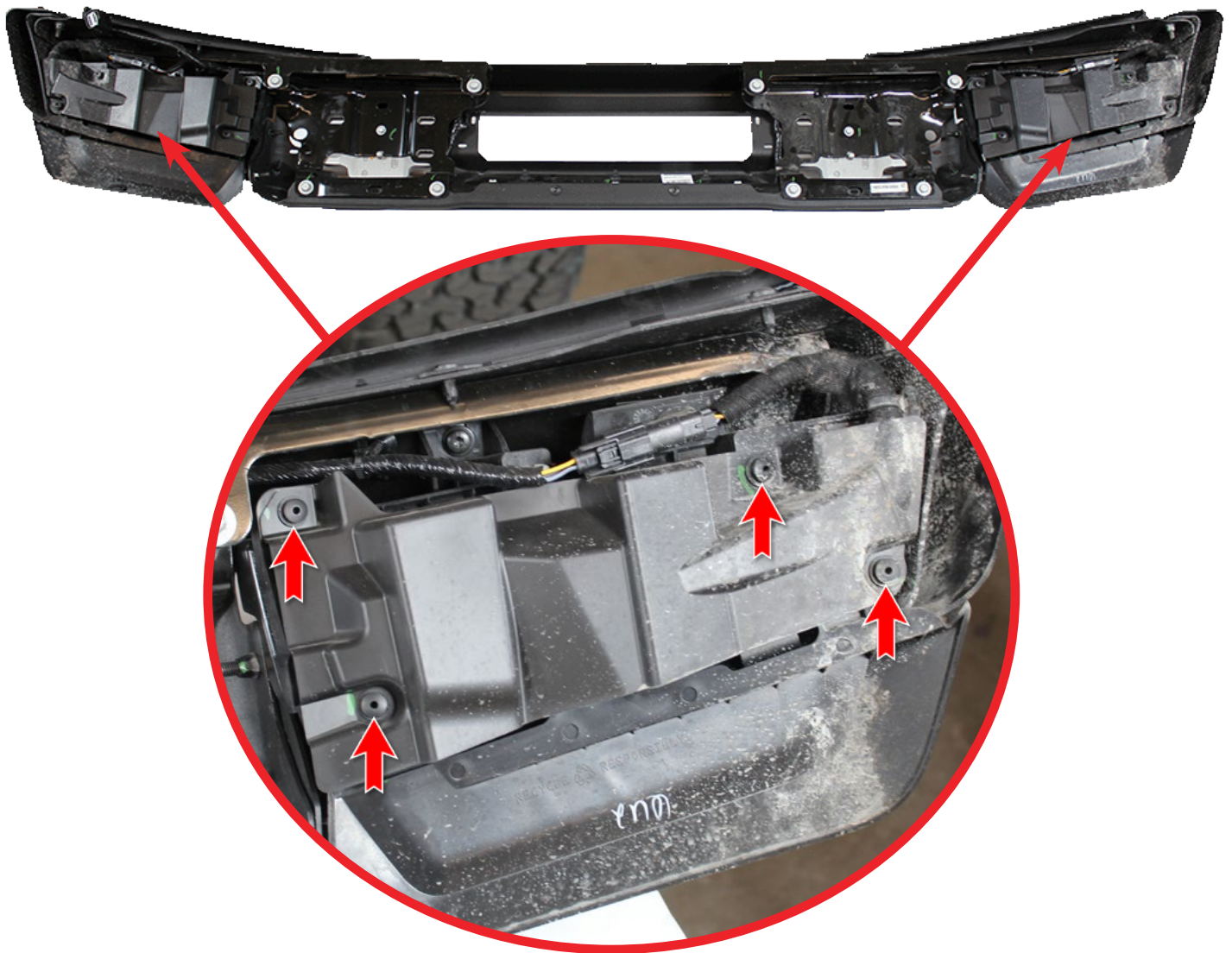
ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

REMOVAL

☐ STEP 7

Remove the plastic covers on each outer sides using a (fastener remover/flathead).





INSTALLATION GUIDE

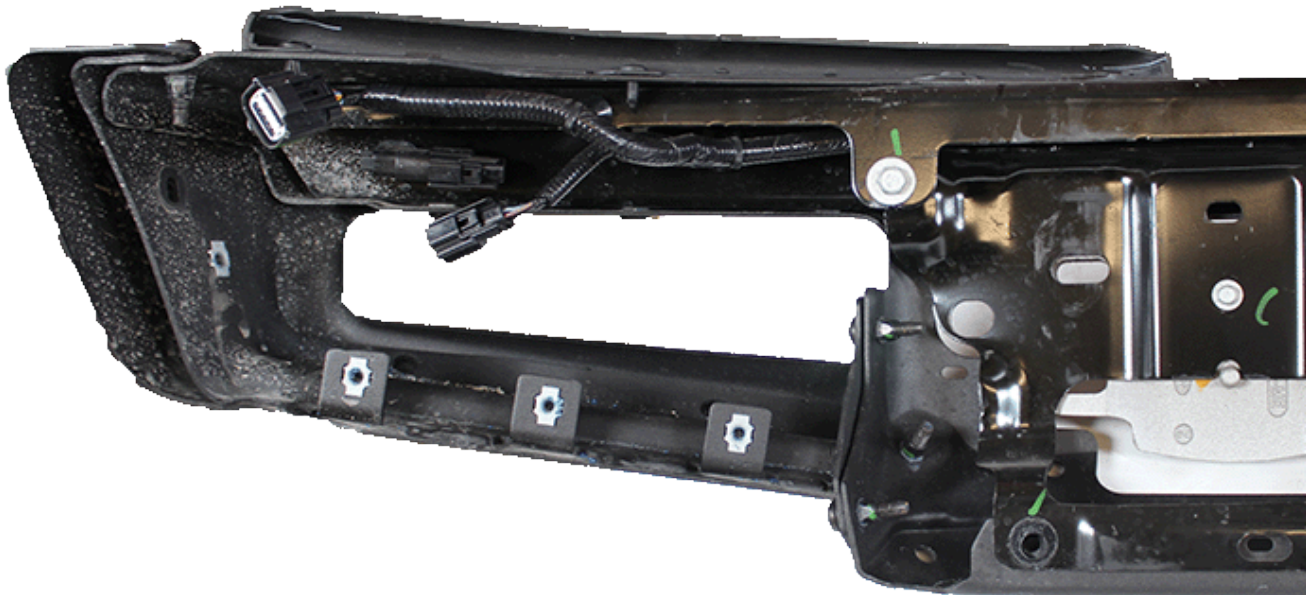
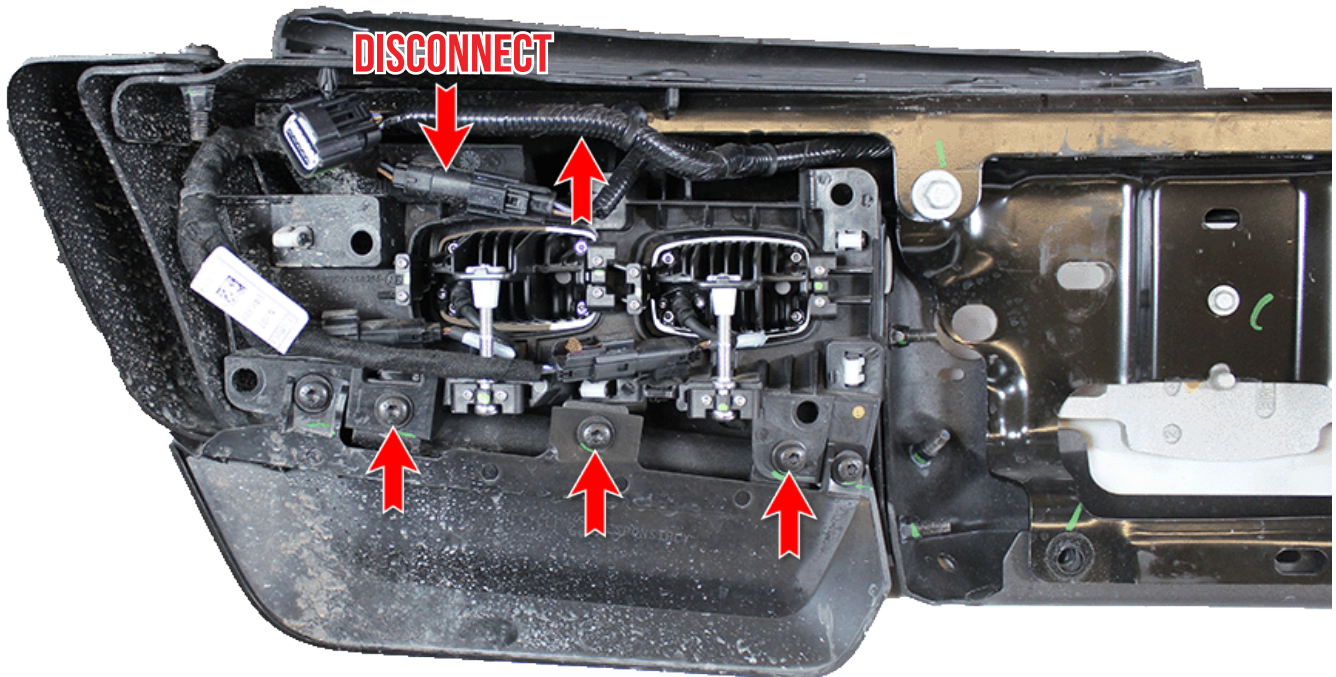
ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

REMOVAL

□ STEP 8

Next, Remove the 4x bolts holding the light brackets using a (T30). Then disconnect the plug located above the lights.





INSTALLATION **GUIDE**

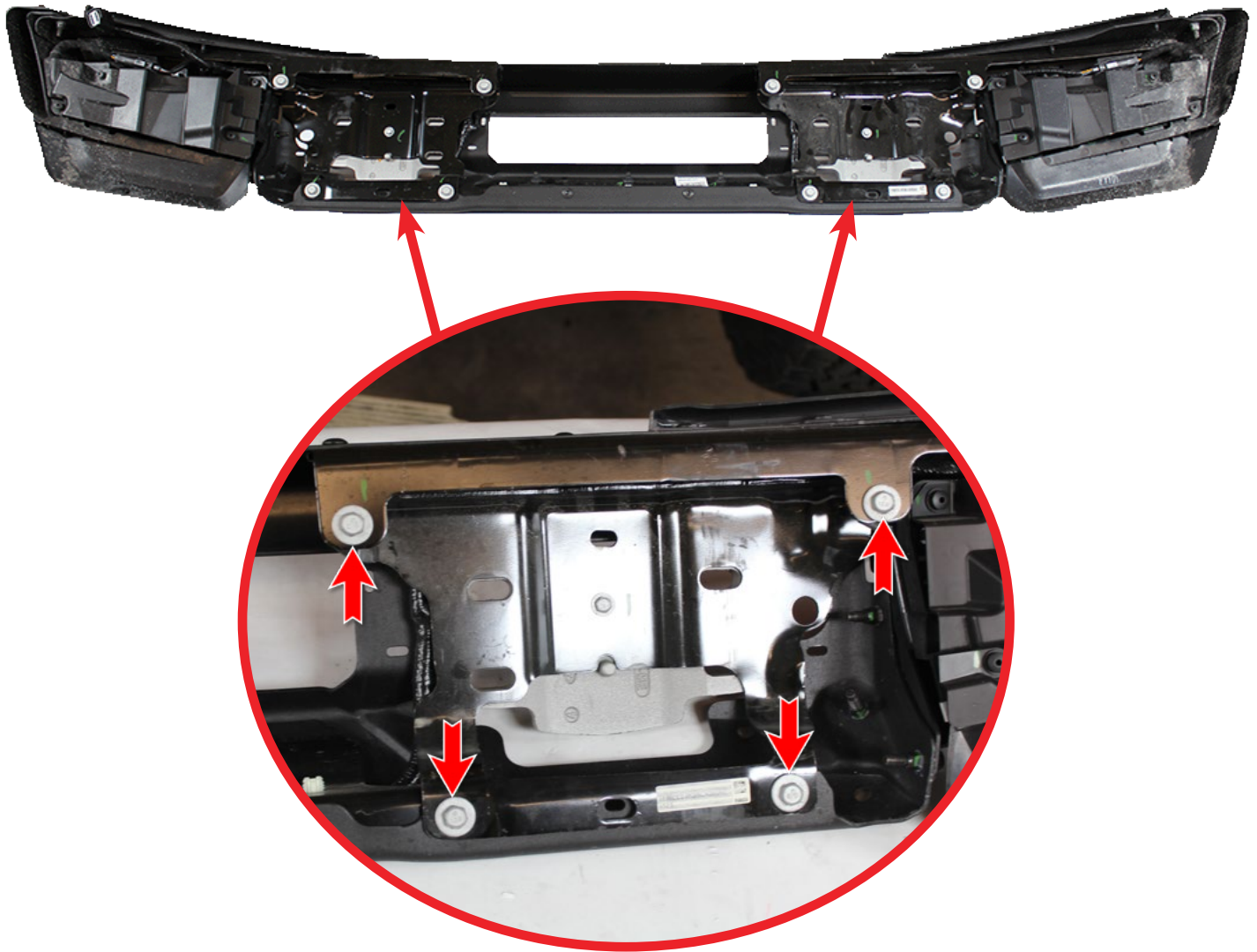
ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

☐ STEP 9

Remove the tow hook brackets using a (10mm socket).

REMOVAL





INSTALLATION GUIDE

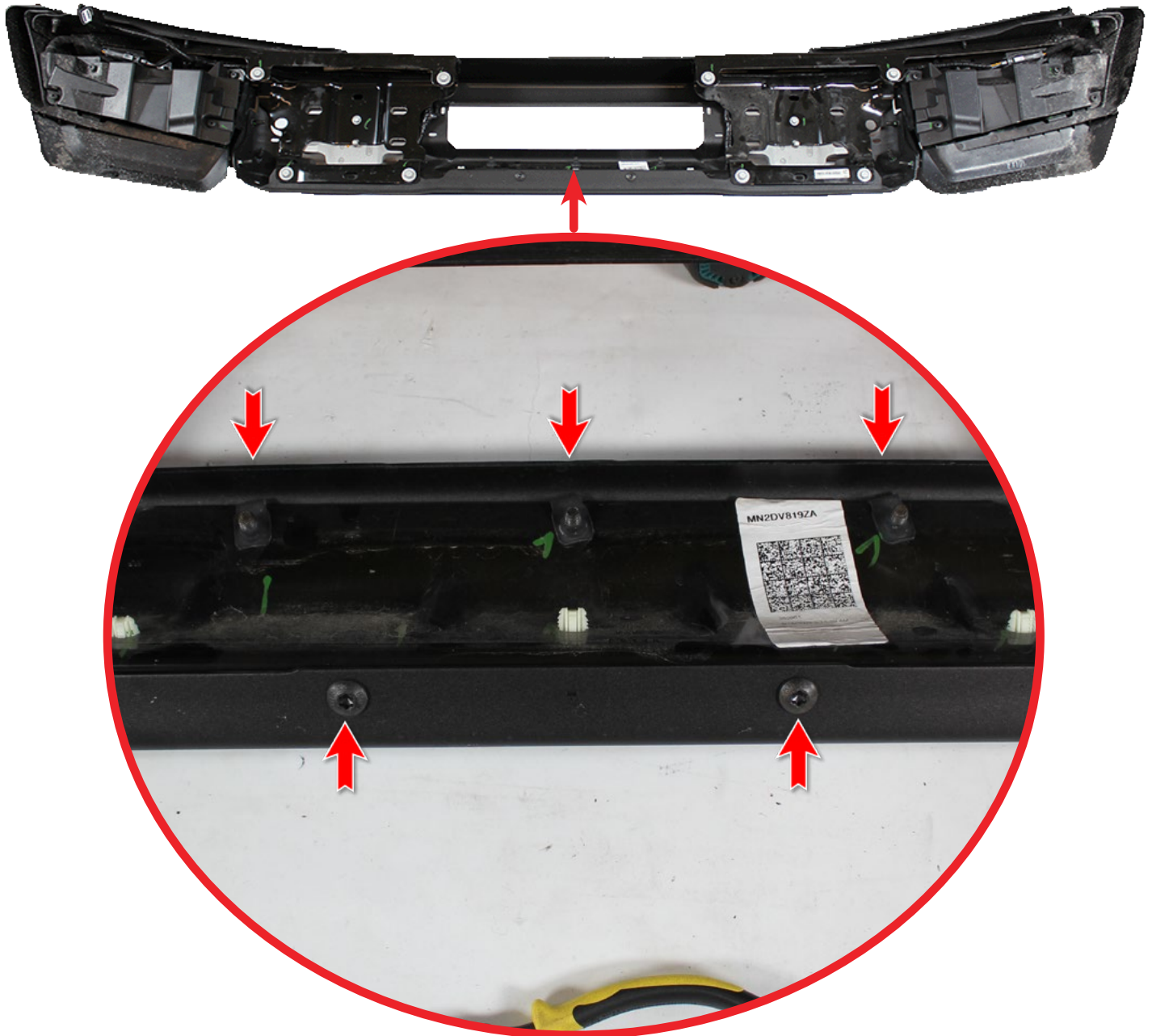
ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

STEP 10

Remove the 5x bolts holding the middle plate using a (T40).

REMOVAL





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

STEP 11

Remove all of the front and top face bolts that are indicated below using a (T40).

REMOVAL





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

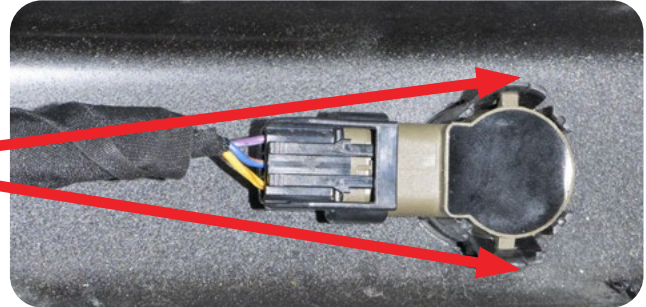
23+/FORD BRONCO RAPTOR

□ STEP 12

You can now remove the wire harness by removing the sensors and sensor bezels by follow the images below. ****Remember the orientation for this will be important in step 12****

REMOVAL

**SPREAD THE TABS ON EACH SIDE
OF THE SENSOR TO RELEASE IT AND
PULL OUT**



**SQUEEZE TOGETHER ON THE
INSIDE OF THE BUMPER THEN
PUSH OUT**





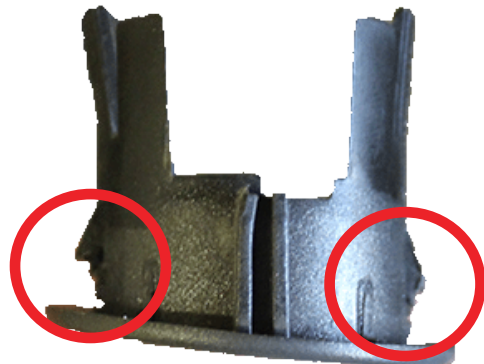
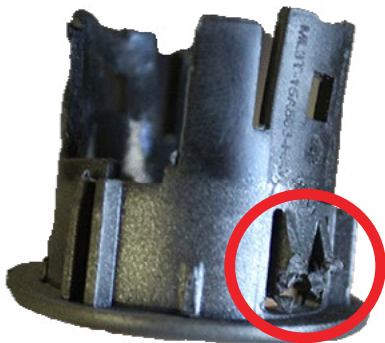
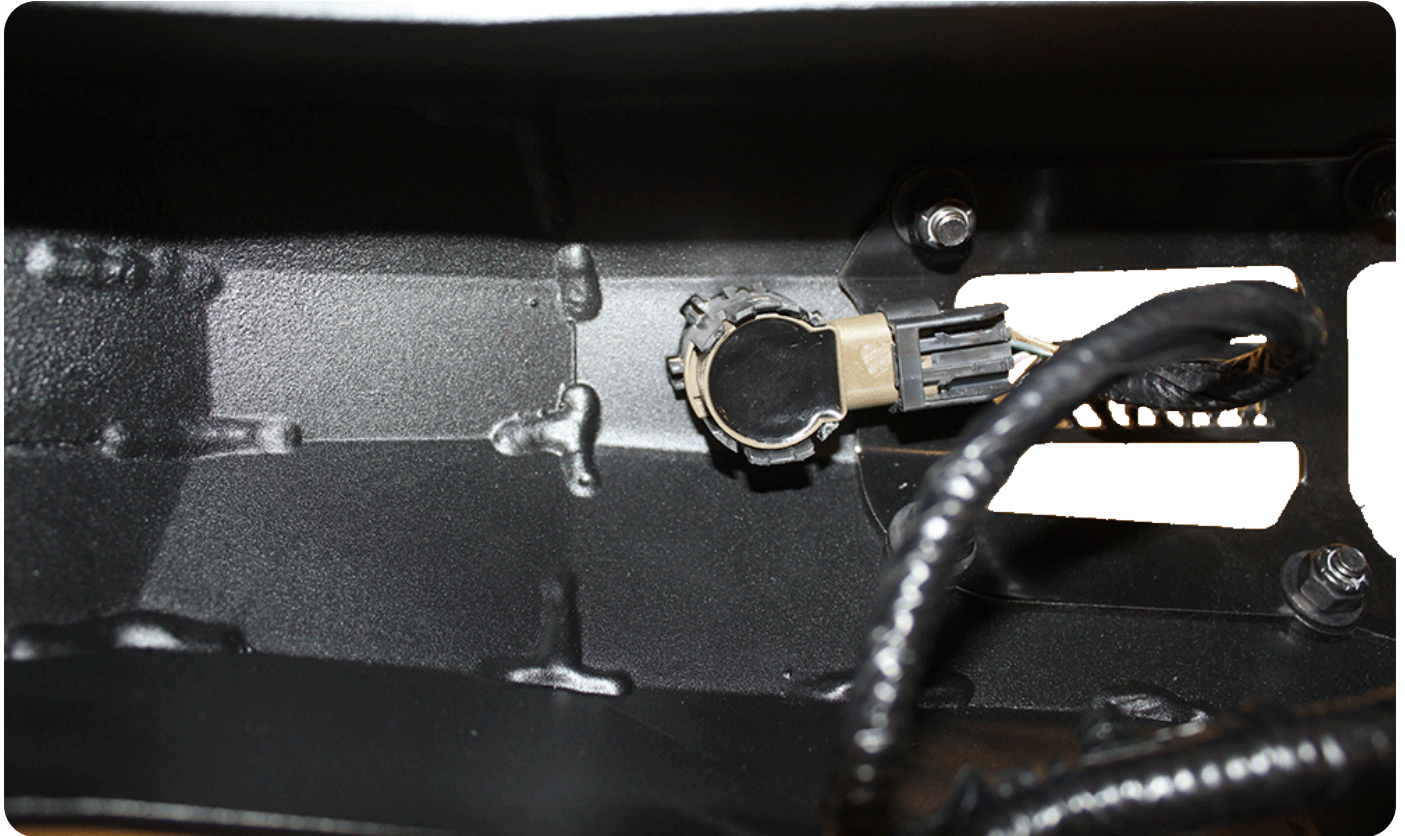
INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

□ STEP 13

Install the sensor bezels into the ADD bumper. Ensure they are in the same orientation as OEM.
****If the bezels do not click into place you may have to trim the tabs to match the thickness of the bumper as shown below****





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/**FORD BRONCO RAPTOR**

☐ STEP 14

Now will be a good time to install any lights/winch you have before install the bumper to the vehicle.





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

□ STEP 15

You can now install the bumper with the 6x provided 1/2" hex head bolts, washers, and nuts using a (3/4 socket/wrench).

INSTALLATION





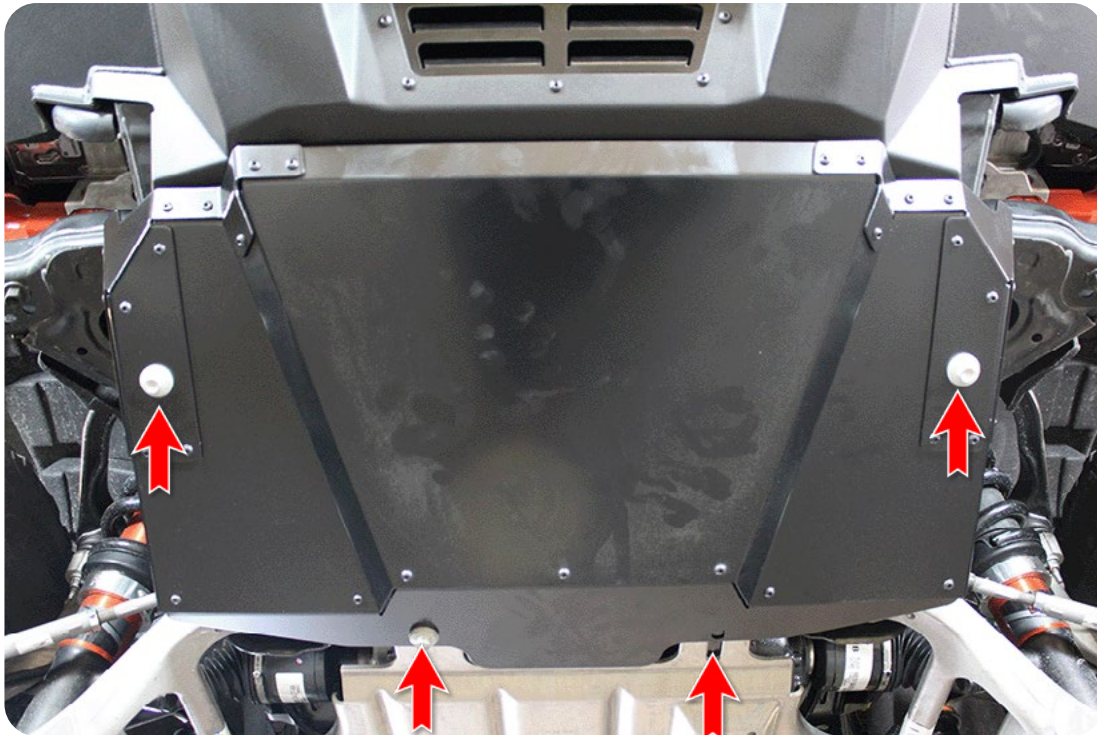
INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/**FORD BRONCO RAPTOR**

☐ STEP 16

Install the skid plate using the same mounting holes with the same OEM hardware using a (15mm socket).





INSTALLATION GUIDE

ROCK FIGHTER FRONT BUMPER

23+/FORD BRONCO RAPTOR

FINAL

☐ STEP 1

Stand back and enjoy your new ADD Rock Fighter™ Front Bumper.

Check and re-tighten, if needed, all mounting bolts after 100 miles and periodically thereafter.



THIS PRODUCT IS PROTECTED BY ONE OR MORE U.S. PATENTS
WWW.ADDICTIVEDESERTDESIGNS.COM/PATENTS

FOR ADDITIONAL SUPPORT OR TECHNICAL QUESTIONS,
PLEASE CALL 480-671-0820 OR
EMAIL INFO@ADDICTIVEDESERTDESIGNS.COM